

Amendments to the Claims:

The following list of claims replaces all prior versions and lists of claims in the application:

Listing of Claims:

1. (Currently amended) A crystal of a prokaryotic 30S ribosomal subunit of *Thermus thermophilus* bound to an antibiotic Z, (wherein Z is defined below), consisting of a tetragonal space group $P4_12_12$ with unit cell dimensions, for each of the antibiotics Z, and defined by the co-ordinates of a table selected from the group of tables 1 to 4, of:

Z	a(Angstroms)	b(Angstroms)	c(Angstroms)
Paromomycin	401.375	401.375	175.887
Paromomycin	401.2	401.2	176.4
Streptomycin	401.375	401.375	175.887
Spectinomycin	401.375	401.375	175.887
Tetracycline	401.158	401.158	176.994
Pactamycin	401.719	401.719	177.002
Hygromycin B	402.063	402.063	175.263

2. (Currently amended) A crystal according to claim 1 of a prokaryotic 30S ribosomal subunit bound to the antibiotic paromomycin consisting of a tetragonal space group $P4_12_12$ with unit cell dimensions of $a = 401.4 \text{ \AA}$, $b = 401.4 \text{ \AA}$, $c = 175.9 \text{ \AA}$.

3. (previously presented) A crystal according to claim 1 of a prokaryotic 30S ribosomal subunit bound to the antibiotic paromomycin consisting of a tetragonal space group $P4_12_12$ with unit cell dimensions of $a = 402.0 \text{ \AA}$, $b = 402.0 \text{ \AA}$, $c = 176.5 \text{ \AA}$.

4. (previously presented) A crystal according to claim 1 of a prokaryotic 30S ribosomal subunit bound to the antibiotic paromomycin consisting of a tetragonal space group $P4_12_12$ with unit cell dimensions of $a = 401.2 \text{ \AA}$, $b = 401.2 \text{ \AA}$, $c = 176.4 \text{ \AA}$.

5-22. (cancelled)